



Investigate Climate Change with GLOBE Schools Around the World

GLOBE Great Global Investigation of Temperature

GLOBE is seeking 25 schools to participate in a test of an innovative new climate research curriculum. Apply and become one of the schools that helps shape and refine the GLOBE Student Climate Research Campaign learning investigations. This investigation will take place from 1 October through 18 November 2009.

What is the Great Global Investigation of Temperature (GGIT)?

The GGIT is the first in a series of new climate change research investigations being developed by GLOBE in preparation for the 2011-2013 Student Climate Research Campaign. This exciting new set of learning experiences will teach students core climate concepts and scientific thinking skills through a series of interesting and engaging activities and collaborations with other participating GLOBE schools and NASA scientists. In addition to a month long period of focused atmospheric data collection, the project consists of 5-7 class periods of activities designed to teach upper middle and high school students core climate science concepts, data analysis skills, and evidence-based reasoning.

Why Participate?

- International collaboration: Develop research collaborations with schools around the world in an interactive online environment
- Compare data: Compare data and findings on your local climate with other schools around the world
- Interact with Scientists: Ask questions and interact with NASA scientists
- Present results at a media event: Several participating schools will be selected to participate in a major international meeting of global environmental scientists (GEO) taking place in Washington D.C. on 18 November 2009.
- Hands-on data exploration: Students will improve data literacy and analysis skills in the context of weather and climate

Requirements and Commitments:

- Must be a GLOBE school with an instrument shelter for collecting maximum/minimum temperatures using GLOBE protocols
- Collect and enter daily temperature data 1 to 31 October into GLOBE database.
- Complete pre- and post-data collection learning activities
- Participate in online collaborative discussion forums where data and findings are compared with other participating schools
- Willingness to provide comments and suggestions about the learning activities.
- Ability to speak, read and write in English
- Access to computer technologies including Flash

How to Apply:

Participation in this Climate Research Campaign test-investigation is limited to the first 25 GLOBE certified classrooms representing GLOBE regions that apply. Application deadline is

11 September 2009. Notifications of selected schools will be sent by 16 September 2009. To apply, complete the application form on the next page and return to Donna Charlevoix at ClimateCampaign@globe.gov





Application Form: GLOBE Great Global Investigation of Temperature

To be considered for the GLOBE Great Global Investigation of Temperature applications are due by 11 September 2009. Notification of selection will be sent by 16 September 2009. Send completed form to Donna Charlevoix at ClimateCampaign@globe.gov or fax 1-303-497-2638.

Teacher Name:

Email:

Phone contact(s):

School Name:

School Address: (Street address, City, State or Province, Postal Code, Country)

Class Description(s): (Provide course name, grade level, and number of students)

Please describe why you are interested in participating.

